

# ANTENNA



## EXTERNAL MIMO PATCH ANTENNA ANT-06ABGN-0607-PT

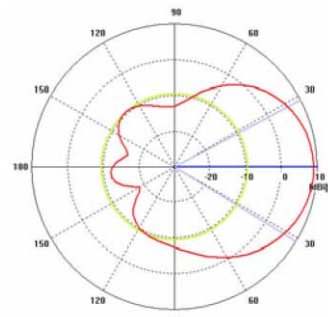
Flexible Wall/Mast Mount Installation,  
Low Profile, and Directional



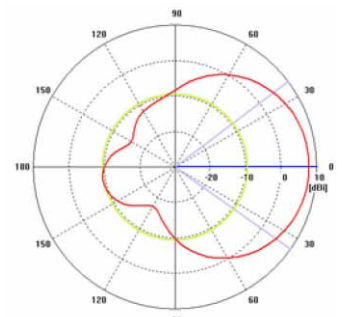
## PRODUCT OVERVIEW

The ANT-06ABGN-0607-PT is a dual-band, three-patch antenna for use in 802.11n MIMO applications. Housed in a low-profile radome, the antenna can be mounted to a wall or mast, indoors or outdoors. Each of the three MIMO antenna elements is connected to the Meru AP300, AP433e, AP1010e/AP1020e Access Points via a low-loss, plenum-rated, coax pigtail.

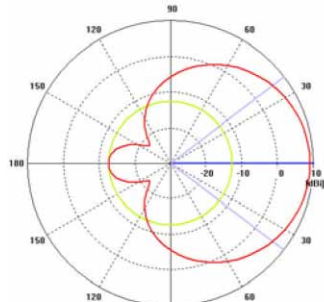
The radiation patterns are uniform and symmetrical, providing high levels of signal density into defined coverage zones. This antenna will greatly enhance the performance of 802.11n systems. The dual-band frequency coverage means that a single type of antenna can be deployed with any MIMO radio in the 2.4–2.5 GHz or 5.1–5.850 GHz bands.



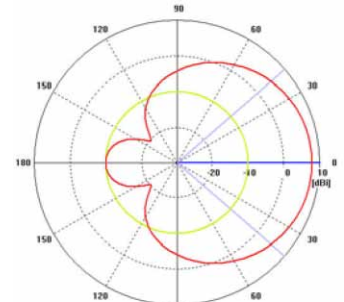
E Plane 5 GHz



E Plane 2.4 GHz



H Plane 5 GHz



H Plane 2.4 GHz

# ANTENNA

## SPECIFICATIONS

**Frequency Range**

2.4–2.5 GHz and 5.1–5.850 GHz

**Gain**

6 dBi for 2.4–2.5 GHz  
7 dBi for 4.9–5.850 GHz

**Maximum VSWR**

1.5:1 for 2.4 GHz; 2.0:1 for 5 GHz

**3 dB Beamwidth Elevation**

72° @ 2.4 GHz, 60° @ 5 GHz

**3 dB Beamwidth Azimuth**

82° @ 2.4 GHz, 75° @ 5 GHz

**Polarization**

Vertical

**Number of Leads**

6

**Maximum Input Power**

50 watts

**Mechanical Size**

17 1/2" x 6 1/64" x 1"  
(44.5 cm x 15.3 cm x 2.5 cm)

**Weight**

1.9 lbs (0.86 kgs)

**Antenna Connection**

RPSMA

**Mount Style**

Articulating for wall/mast

**Cable Length**

3 ft

**CERTIFICATIONS**

Certified in U.S. and Canada. For other regions, contact your local Meru representative.

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**Meru** delivers an all-wireless network that fully supports the enterprise, delivering a consistent, interactive experience for all users. No matter what applications they are running. No matter how many other users are on the network.

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For more information about Meru antennas, visit | [www.merunetworks.com](http://www.merunetworks.com) | Or email your questions to: [info@merunetworks.com](mailto:info@merunetworks.com)

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